

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103476

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP75598
Calibration STD Hexa Chrome 0.5 PPM	WP75599
Calibration Std. hexchrome 0.1 ppm	WP75604
Calibration Std. hexchrome 0.05 ppm	WP75603
calibration std. hexchrome 0.01 ppm	WP75602
calibration std. hexchrome 0 ppm	WP75601
Hexavalent Chromium ICV Std.	WP75606
Hexavalent Chromium CCV Std	WP75605
hexavalent chromium color reagent	WP75406
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75600
HNO3 Hex-Chrome, 5M	WP74162

Intercept: -0.0001

Slope: 0.7786

Regression: 0.999994

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.64	0.000	0.000	0.000	06/18/2019	13:30
2	CAL2	0.01	1	100	100		1.67	0.000	0.008	0.008	06/18/2019	13:30
3	CAL3	0.025	1	100	100		1.59	0.000	0.019	0.019	06/18/2019	13:21
4	CAL4	0.05	1	100	100		1.63	0.000	0.037	0.037	06/18/2019	13:21
5	CAL5	0.1	1	100	100		1.68	0.001	0.080	0.079	06/18/2019	13:22
6	CAL6	0.5	1	100	100		1.57	0.000	0.390	0.390	06/18/2019	13:22
7	CAL7	1	1	100	100		1.60	0.001	0.779	0.778	06/18/2019	13:23



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.68	0.001	0.379	0.378	0.486	06/18/2019	13:30
2	ICB		1	100	100		1.57	0.000	0.000	0.000	0.000	06/18/2019	13:30
3	CCV1	0.5	1	100	100		1.68	0.002	0.388	0.386	0.496	06/18/2019	13:13
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	06/18/2019	13:31
5	PB120713BL		1	2.54	100	7.54	1.86	0.000	0.000	0.000	0.000	06/18/2019	13:32
6	PB120713BS	20	1	2.53	100	7.49	1.74	0.001	0.368	0.367	0.471	06/18/2019	13:32
7	K3157-01		1	2.53	100	7.53	1.57	0.012	0.012	0.000	0.000	06/18/2019	13:33
8	K3157-03		1	2.53	100	7.86	1.75	0.008	0.008	0.000	0.000	06/18/2019	13:33
9	K3157-05		1	2.55	100	7.45	1.53	0.008	0.008	0.000	0.000	06/18/2019	13:34
10	K3157-07		1	2.52	100	7.33	1.55	0.008	0.008	0.000	0.000	06/18/2019	13:34
11	K3157-09		1	2.51	100	7.45	1.52	0.013	0.013	0.000	0.000	06/18/2019	13:35
12	K3158-03		1	2.52	100	7.35	1.98	0.003	0.003	0.000	0.000	06/18/2019	13:35
13	K3163-09		1	2.55	100	7.86	1.85	0.011	0.011	0.000	0.000	06/18/2019	13:36
14	K3163-11		1	2.51	100	7.42	1.68	0.008	0.008	0.000	0.000	06/18/2019	13:36
15	CCV2	0.5	1	100	100		1.67	0.001	0.365	0.364	0.468	06/18/2019	13:37
16	CCB2		1	100	100		1.67	0.000	0.000	0.000	0.000	06/18/2019	13:37
17	K3420-02		1	2.51	100	7.35	1.98	0.010	0.010	0.000	0.000	06/18/2019	13:38
18	K3420-02DUP		1	2.52	100	7.37	1.97	0.012	0.012	0.000	0.000	06/18/2019	13:38
19	K3420-02MSPre	40	2	2.50	100	7.30	1.88	0.007	0.350	0.343	0.441	06/18/2019	13:39
20	K3420-02MS2Ins	1284	40	2.52	100	7.45	1.67	0.002	0.690	0.688	0.884	06/18/2019	13:39
21	K3420-02MS3Post	40	2	2.51	100	7.32	2.01	0.013	0.350	0.337	0.433	06/18/2019	13:40
22	K3421-02		1	2.55	100	7.68	1.57	0.010	0.010	0.000	0.000	06/18/2019	13:40
23	K3421-06		1	2.50	100	7.75	1.55	0.009	0.009	0.000	0.000	06/18/2019	13:41
24	CCV3	0.5	1	100	100		1.68	0.001	0.370	0.369	0.474	06/18/2019	13:41
25	CCB3		1	100	100		1.75	0.000	0.000	0.000	0.000	06/18/2019	13:42